

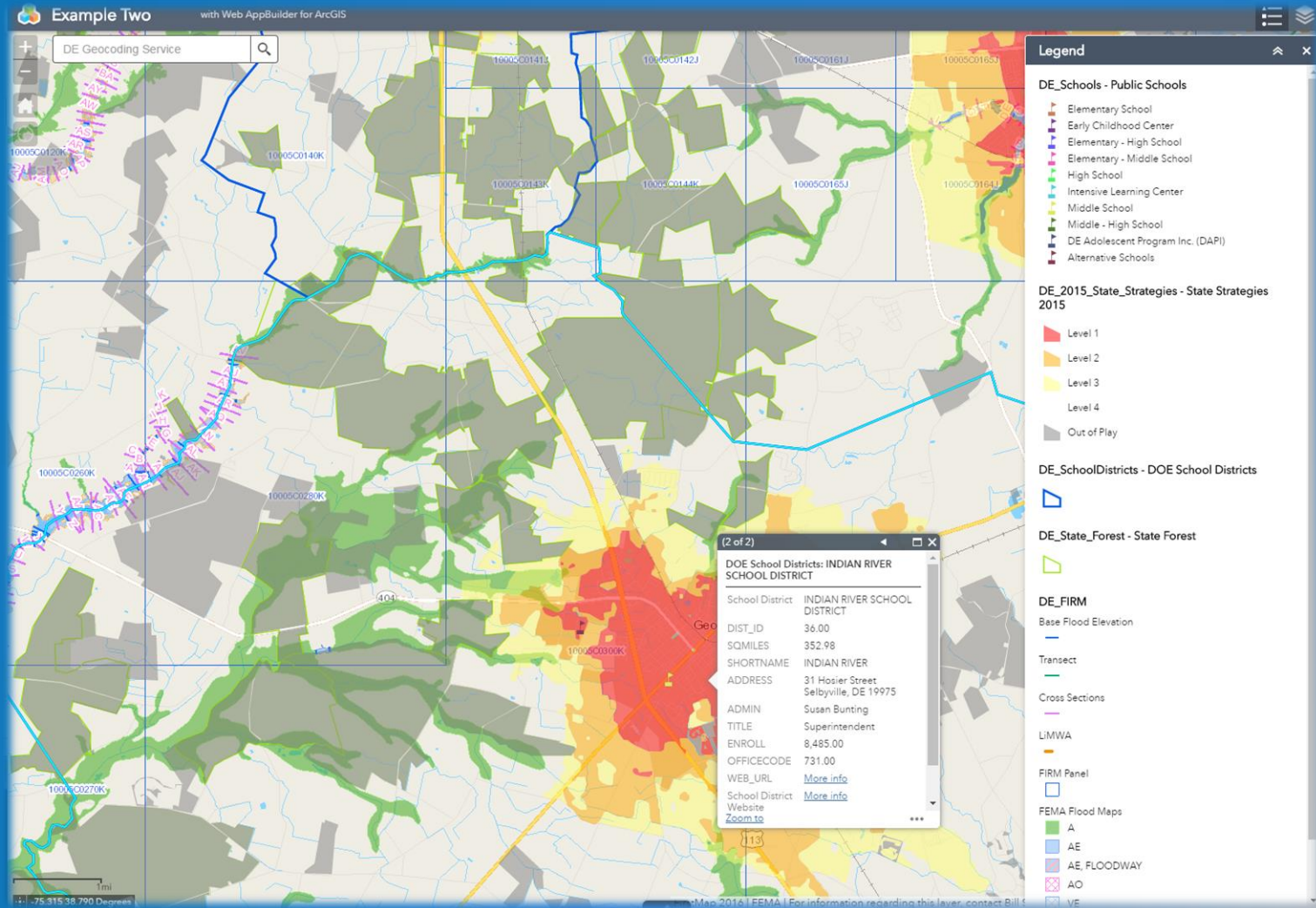


# *FIRSTMAP*

IT IS THE LITTLE THINGS...  
POLISHING YOUR WEB MAP APPLICATION

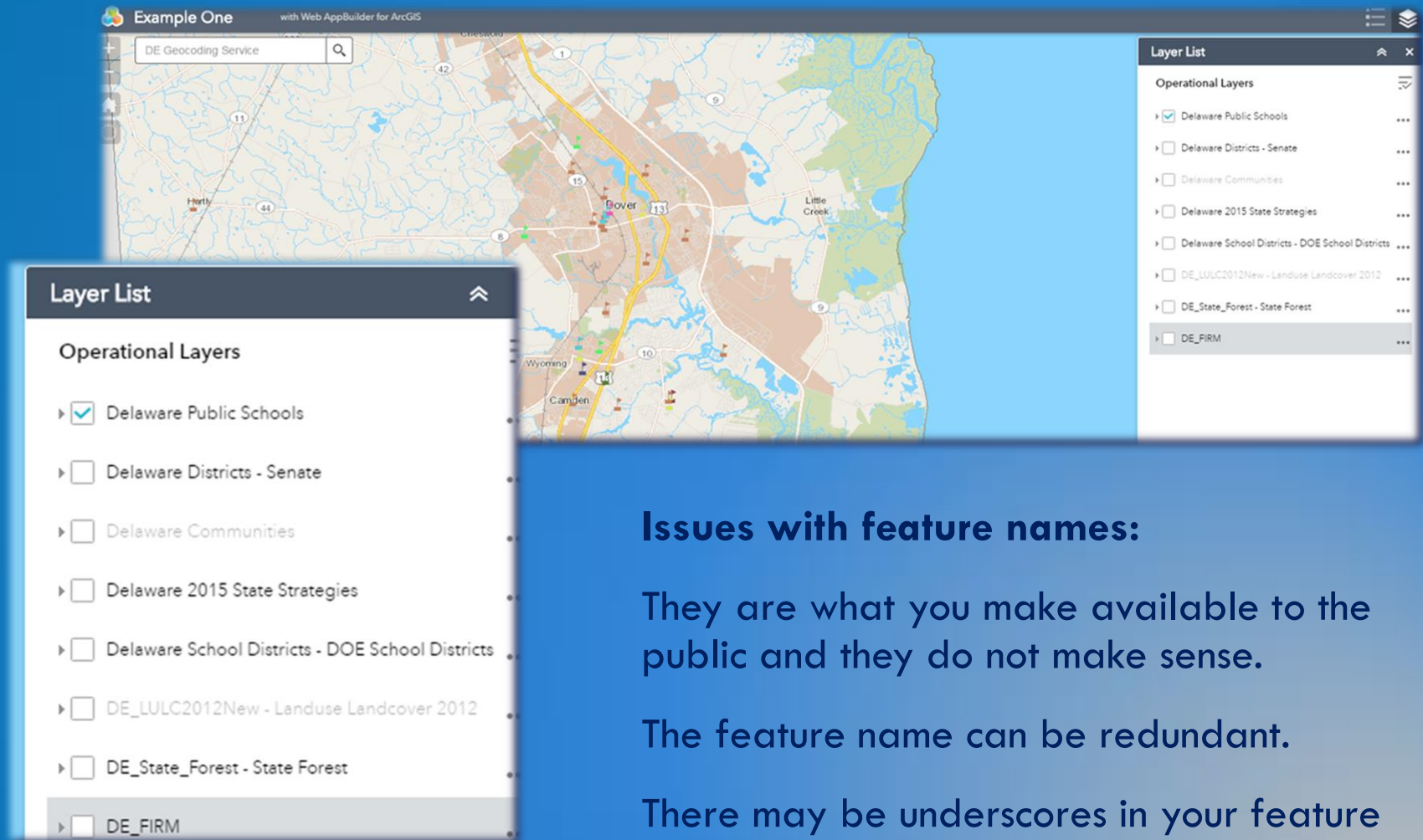


# THE MAP IS DONE!



Is it really...

# LAYER LIST ON A WEB MAP APPLICATION



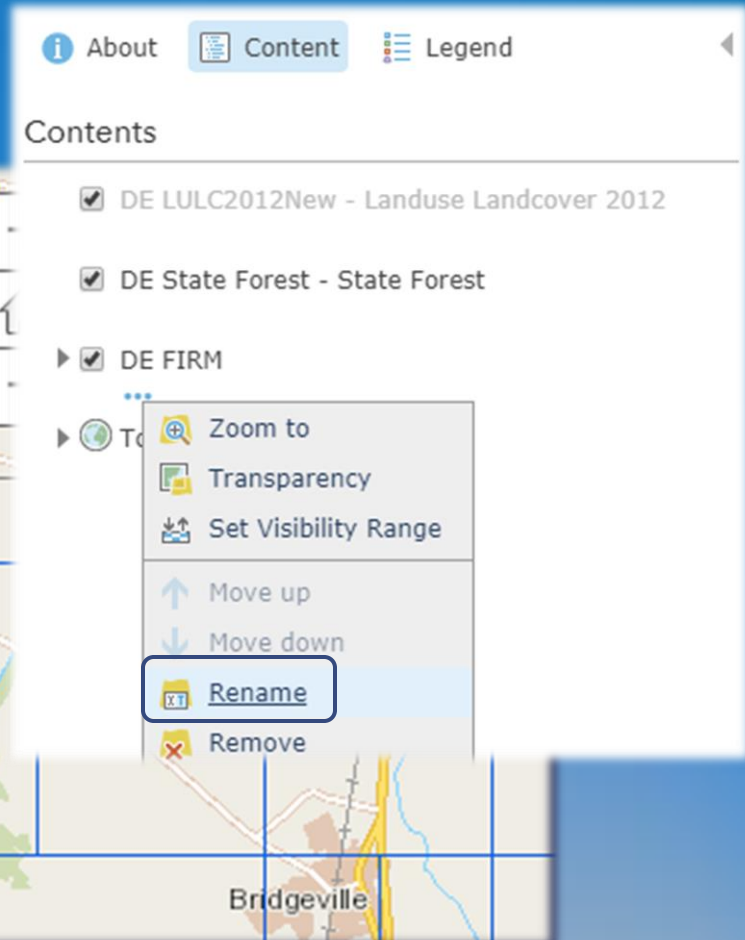
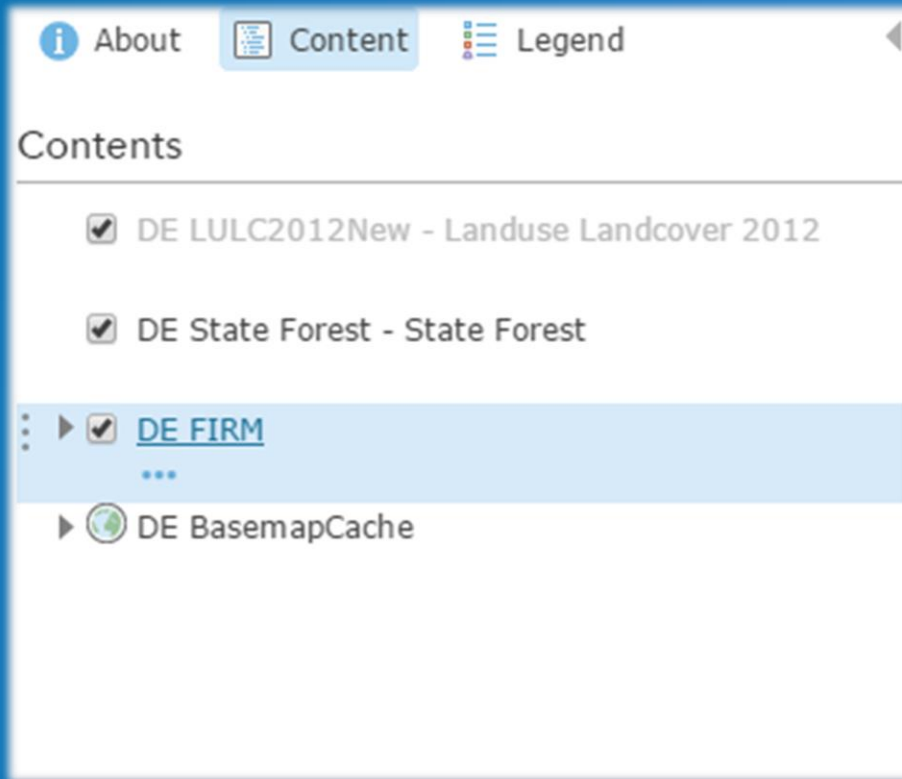
## Issues with feature names:

They are what you make available to the public and they do not make sense.

The feature name can be redundant.

There may be underscores in your feature name.

# RENAMING FEATURE NAMES

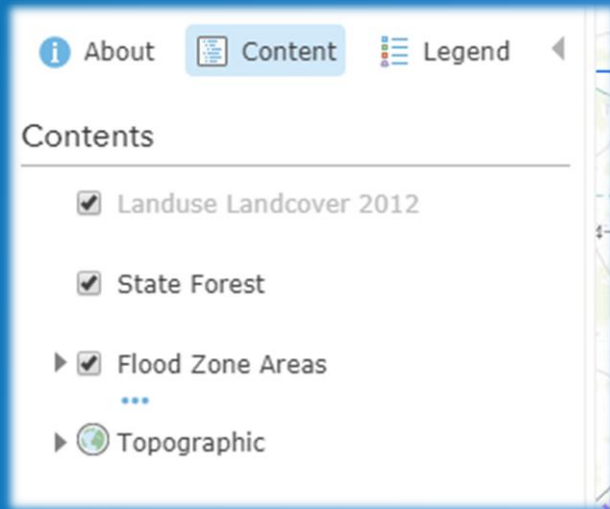


Feature Names remain the way they are imported into the map.

Without some encouragement from you, they will remain this way into the web map application.

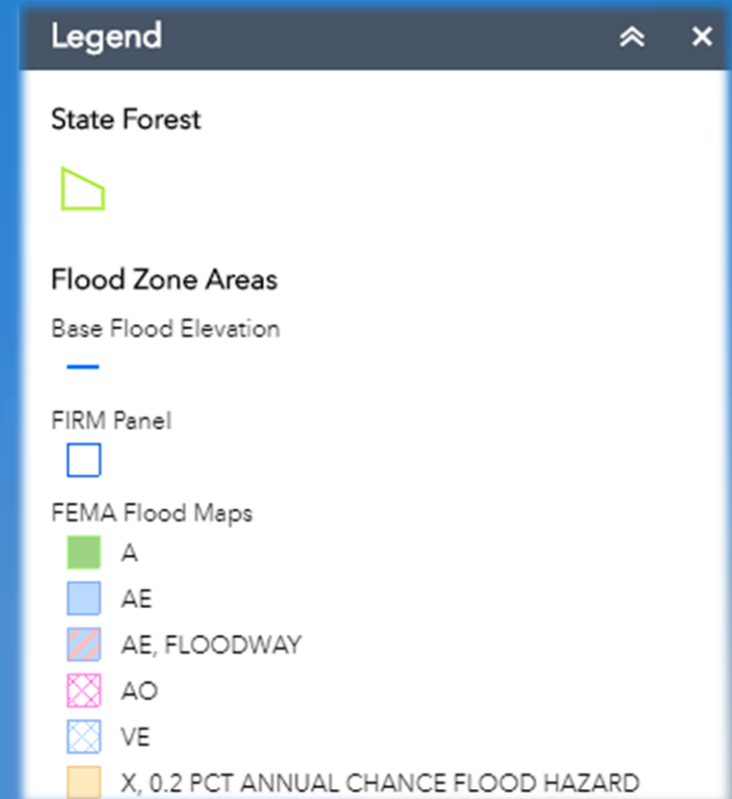
# FIXING THE FEATURE NAMES IN WEB MAP...

## Web Map



Fixes the feature name in  
the Web Map Application

## Web Map Application



# CLEANING UP THE POP-UP

**State Forest: S**

COUNTY	S
ACRES	2,326.00
TRACT	Jester
FOREST	Redden
LABEL	ReddenState Forest

[Zoom to](#) [Get Directions](#)

**State Forest: S**

COUNTY	S
ACRES	1,516.00
TRACT	Chesapeake
FOREST	Redden
LABEL	ReddenState Forest

[Zoom to](#) [Get Directions](#)

**State Strategies 2015: Level 1**

GRIDCODE	Level 1
ACRES	15,976.13

[Zoom to](#) [Get Directions](#)

**Public Schools: CD140113**

LOC NAME	CD140113
SCHOOL YEAR	2016
DISTRICT CODE	13
SCHOOL CODE	640
SCHOOL NAME	Hartly Elementary School
SCHOOL SHOR	Hartly Elem
EDU LEVEL	Elementary School
NCES GRADES	PK04
STREET ADDR	2617 Arthursville Road

[Zoom to](#) [Get Directions](#)

**Communities: Woodfield**

Community Name	Woodfield
COUNTY	Kent

[Zoom to](#) [Get Directions](#)

**Landuse Landcover 2012: Other Urban or Built-up Land**

ULC_Code2012	Mixed Urban/Built-up
ULC_Category2012	Other Urban or Built-up Land

[Zoom to](#) [Get Directions](#)

**F\_18\_WHT** 0.01

F_18_BLK	0.14
F_18_ASN	0.01
F_H18_POP	0.03
F_DEMOCRAT	0.41
F_REPUBLICAN	0.33
F_OTHER_PA	0.25
F_TOTAL_V	0.68

**SENATOR** David G. Lawson

**Senate Party** Republican

**Senate District** 15

**Session** 149

**Senator Web Page** [More info](#)

[Zoom to](#) [Get Directions](#)

Web Map Pop-Ups



# PROPAGATING

**Example One** with Web AppBuilder for ArcGIS

DE Geocoding Service

**Senate Districts: F. Gary Simpson**

Senate District	18
Senate District Population	45,311.00
WHITE	34,167.00
BLACK	7,651.00
ASIAN	378.00
HISPANIC_O	3,804.00
F18_POP	34,311.00
F18_WHT	26,985.00
F18_BLK	5,278.00
F18_ASN	290.00
H18_POP	2,290.00
DEMOCRATIC	11,337.00
REPUBLICAN	10,396.00

[Zoom to](#)

**Example One** with Web AppBuilder for ArcGIS

DE Geocoding Service

**Communities: Ron'S Family Community**

Community Name	Ron'S Family Community
COUNTY	Kent

[Zoom to](#)

**Example One** with Web AppBuilder for ArcGIS

DE Geocoding Service

**Public Schools: CD140113**

LOC NAME	CD140113
SCHOOL YEAR	2016
DISTRICT CO	15
SCHOOL CODE	662
SCHOOL NAME	Lake Forest South Elementary School
SCHOOL SHOR	Lake Forest South Elem
EDU LEVEL	Elementary School
NCES GRADES	KG04
STREET ADDR	301 Dorman Street

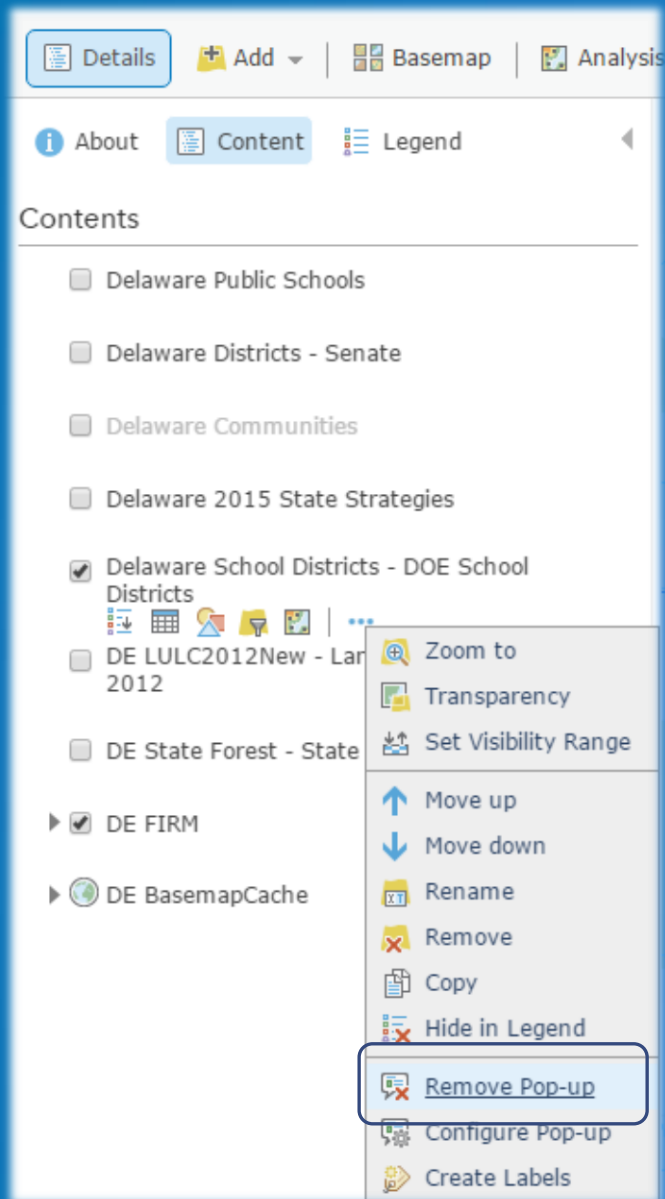
[Zoom to](#)

Web Map Applications Pop-Ups

# IF YOU DON'T WANT/NEED A POP-UP...

Not every piece of pop needs to be up!

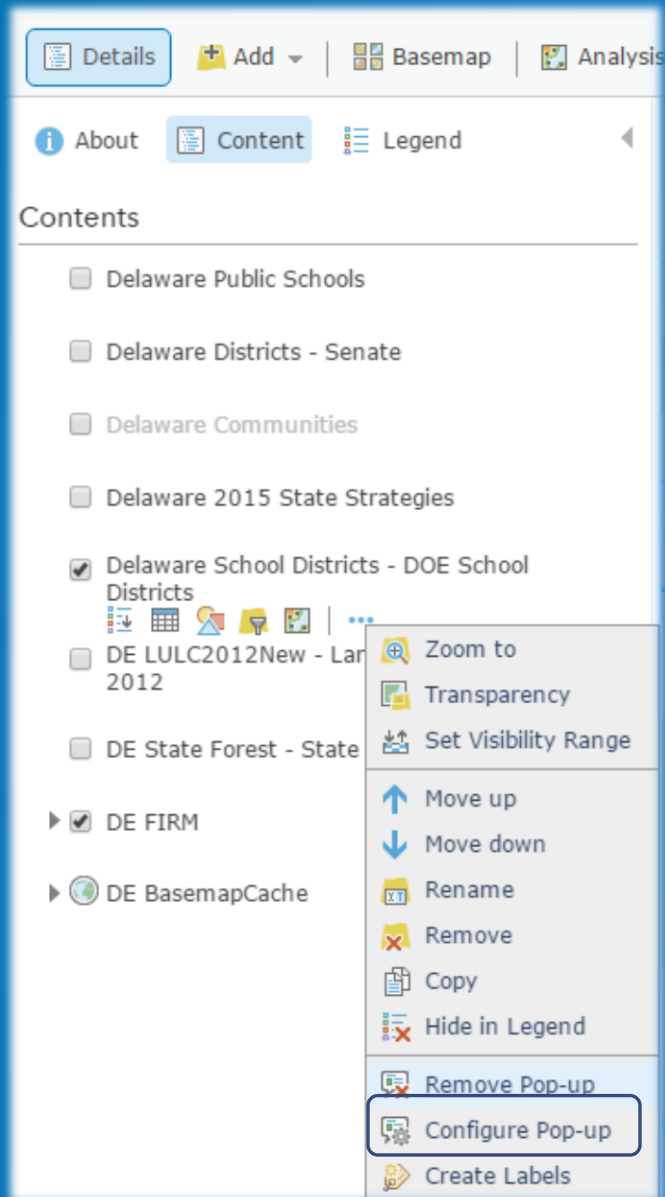
Use the Remove Pop-up command to stop unwanted pop-ups.



# BUT IF YOU DO WANT/NEED A POP-UP...

This is where to start!

Use the Configure Pop-up command to edit pop-ups.



Details + Add Basemap Anal

### Configure Pop-up

Delaware School Districts - DOE School Districts

☒ Show Pop-ups

**Pop-up Title**

DOE School Districts: {NAME} +

**Pop-up Contents**

Display: A list of field attributes

These field attributes will display:

- School District {NAME}
- DIST\_ID {DIST\_ID}
- SQMILES {SQMILES}
- SHORTNAME {SHORTNAME}

[Configure Attributes](#)

**Pop-up Media**

Display images and charts in the pop-up:

ADD

No images or charts.  
Click 'Add' to add one.  
Use the arrows to order.

DOE School Districts: MILFORD SCHOOL DISTRICT

School District	MILFORD SCHOOL DISTRICT
DIST_ID	18.00
SQMILES	165.62

## Fix the Pop-Up Title

Should “Districts” be plural if you are showing the results of one district?

Do you want to show the Name of the district as the result? You don't have to...

School District: MILFORD

School District	MILFORD SCHOOL DISTRICT
DIST_ID	18.00

Details Add Basemap Anal

### Configure Pop-up

#### Delaware School Districts - DOE School Districts

☒ Show Pop-ups

**Pop-up Title**  
 DOE School Districts: {NAME} +

**Pop-up Contents**

Display: A list of field attributes ▾

These field attributes will display:

- School District {NAME}
- DIST\_ID {DIST\_ID}
- SQMILES {SQMILES}
- SHORTNAME {SHORTNAME}

[Configure Attributes](#)

**Pop-up Media**

Display images and charts in the pop-up:

ADD ▾

No images or charts.  
 Click 'Add' to add one.  
 Use the arrows to order.

### Configure Pop-up

#### Delaware School Districts - DOE School Districts

☒ Show Pop-ups

**Pop-up Title**  
 School District: {SHORTNAME} +

**Pop-up Contents**

Display: A list of field attributes ▾

These field attributes will display:

- School District {NAME}
- DIST\_ID {DIST\_ID}
- SQMILES {SQMILES}

**A list of field attributes**

A description from one field

A custom attribute display

No attribute information

**A description from one field:** This will give you a title and information from one field.

**Custom Attribute Display:** Check out the ESRI Blog on this topic to add really cool customizations to your pop-ups!

**No Attribute information:** This will give you a title with no other information.

## Configure Pop-up

Delaware School Districts - DOE School Districts

☒ Show Pop-ups

### Pop-up Title

School District: {SHORTNAME} +

### Pop-up Contents

Display: A list of field attributes ▼

These field attributes will display:

School District {NAME}  
DIST\_ID {DIST\_ID}  
SQMILES {SQMILES}  
SHORTNAME {SHORTNAME}

[Configure Attributes](#)

## Configure Attributes

Check the fields you want to display. Select a field to change its alias, order it,

<input type="checkbox"/> Display	Field Name	Field Alias	↑ ↓
<input type="checkbox"/>	{OBJECTID}	OBJECTID	
<input checked="" type="checkbox"/>	{NAME}	School District	
<input checked="" type="checkbox"/>	{DIST_ID}	DIST_ID	
<input checked="" type="checkbox"/>	{SQMILES}	SQMILES	
<input checked="" type="checkbox"/>	{SHORTNAME}	SHORTNAME	
<input checked="" type="checkbox"/>	{ADDRESS}	ADDRESS	
<input checked="" type="checkbox"/>	{ADMIN}	ADMIN	

<input checked="" type="checkbox"/>	{DIST_ID}	DIST_ID	
<input checked="" type="checkbox"/>	{SQMILES}	SQMILES	2 decimal places <input checked="" type="checkbox"/> Use 1000 Separator
<input checked="" type="checkbox"/>	{SHORTNAME}	SHORTNAME	

**Check Boxes:** Check on the Fields you would like to show up in your pop-up.

**Field Alias:** Redo the names to reflect what they are – in common speak...

**Numeric Fields:** Allows you to place Decimals or Separator in your numbers.

# ALL CLEANED UP!

Before

**(1 of 2)**

**Public School: CD140113**

LOC NAME	CD140113
SCHOOL YEAR	2016
DISTRICT CO	36
SCHOOL CODE	692
SCHOOL NAME	North Georgetown Elementary School
SCHOOL SHOR	North Georgetown Elem
Education Level	Elementary School
Grade Span	PK05
Address	664 North Bedford Street

[Zoom to](#) [Get Directions](#)

**(1 of 2)**

**Public School: North Georgetown Elementary School**

Education Level	Elementary School
Grade Span	PK05
Address	664 North Bedford Street
City	Georgetown
Zip Code	19947

[Zoom to](#) [Get Directions](#)

Before

**School District: INDIAN RIVER SCHOOL DISTRICT**

School District	INDIAN RIVER SCHOOL DISTRICT
DIST_ID	36.00
SQMILES	352.98
SHORTNAME	INDIAN RIVER
ADDRESS	31 Hosier Street Selbyville, DE 19975
ADMIN	Susan Bunting
TITLE	Superintendent
ENROLL	8,485.00
OFFICECODE	731.0
WEB_URL	<a href="#">More</a>
School	<a href="#">More</a>

[Zoom to](#) [Get Directions](#)

**School District: INDIAN RIVER**

The INDIAN RIVER SCHOOL DISTRICT has a student population of 8,485.00 and covers 352.98 square miles of Delaware.

[Zoom to](#) [Get Directions](#)

After

# UPDATE THE TITLE BAR




Example One


with Web AppBuilder for ArcGIS

Home ▾ Web AppBuilder for ArcGIS Exam

Theme Map Widget **Attribute**

**Branding**  
Add logo, title, or subtitle for your app.

 Example One A

 with Web AppBuilder for ArcGIS A

**Links**

+ Add New Link


**App state**


☒ Keeps map extent and layers visibility while leaving the app.

Home ▾ Web AppBuilder for ArcGIS Exam

Theme Map Widget **Attribute**

**Branding**  
Add logo, title, or subtitle for your app.

 One Great Title! A

 with FirstMap Delaware A

**Links**

+ Add New Link

FirstMap Online

<http://firstmap.delaware.gov/>

OK Cancel



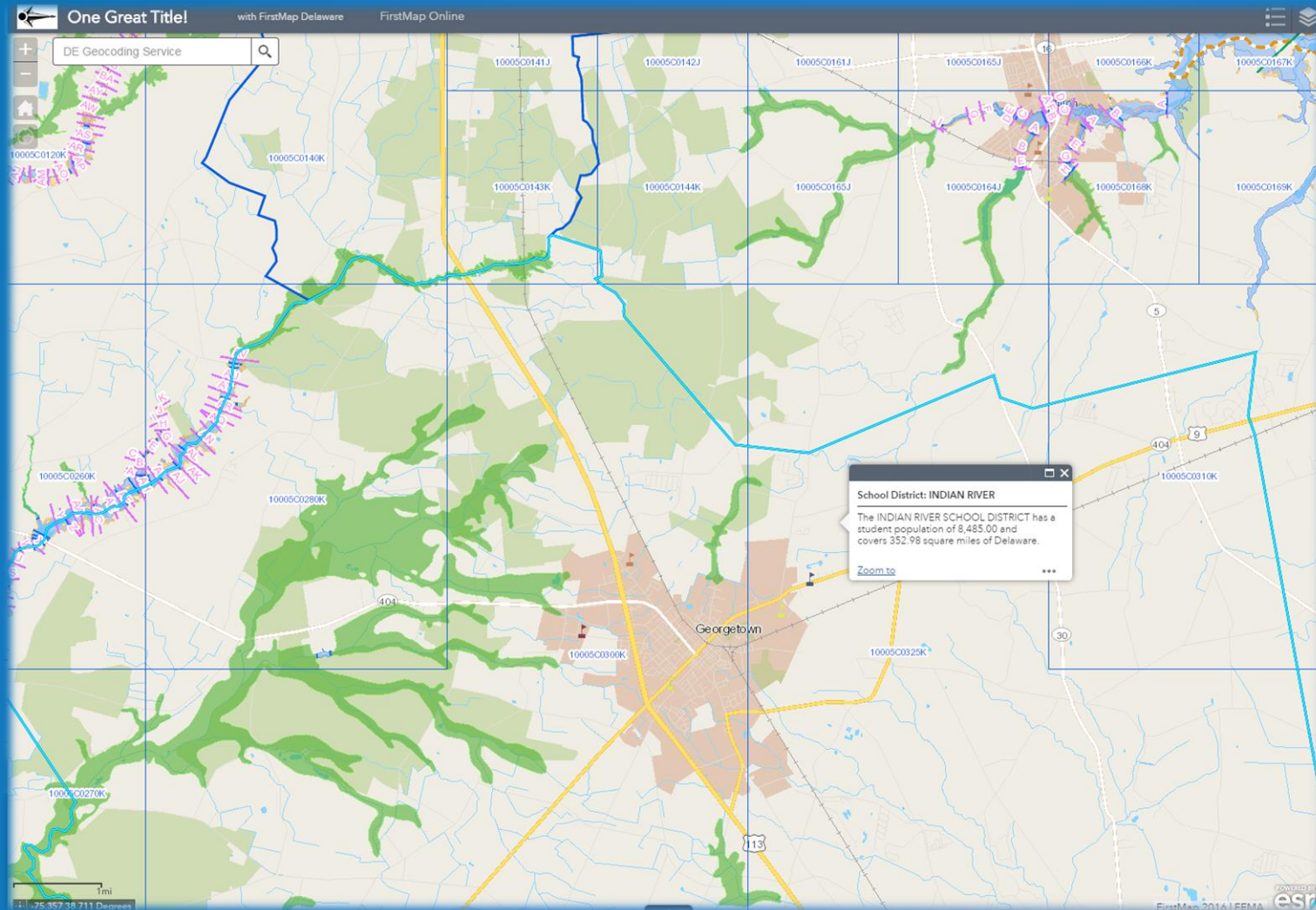
One Great Title!

with FirstMap Delaware

FirstMap Online



# THE MAP IS DONE!



Is it really... YES IT IS!

# TIPS TO REMEMBER

## Hot Links

- No duplicate links in the same area on the same page of application.
- Make sure links work and open in a new window, so they don't take the viewer out of the map app.

## Pop-ups

- Easy to understand titles.
- Hide unwanted fields, and use aliases to change fields that are all CAPS to lower case, so it is easier to read.
- Consider a custom attribute display to put your pop-up table data into a paragraph.
- Change main title in pop up to singular tense.
- Make sure your year does not show up with a thousand separators (comma).



# TIPS TO REMEMBER

## **Images/Videos**

- Make sure they appear & check back often to make sure the link is not lost.

## **Legend**

- Make sure the legend names have easy to understand titles.

## **Color**

- Make sure all colors stand out on the Web Map App backgrounds. Some settings such as the drop down legend background cannot be changed.

## **Other Suggestions**

- There should be no mystery surrounding your Web Map Application. All colors, symbols, etc. should be clearly defined either in a legend or in text.
- Make sure you are using the right Story Map to tell your Story. There are many different templates, use the one the best portrays your data.



# MORE INFORMATION

## ARCGIS BLOG

Search posts

### Ten ways to improve your chances of winning the Esri Storytelling With Maps Contest

by Rupert Essinger on April 27, 2017

 Share < 15  Tweet < 41  Share < 68

The [Esri Storytelling with Maps Contest](#) is open for entries. Here are some quick tips from the Esri Story Maps team for how to make the best impression with your story map, not just with the contest judges but, more importantly, with your audience!

Whether or not you are entering the contest, these tips are a handy checklist to make your story maps shine. And if you've already entered the contest, judging doesn't start until the contest closes for entries, so you can continue tweaking your work.

<https://blogs.esri.com/esri/arcgis/2017/04/27/how-to-improve-your-chances-of-winning-the-storytelling-with-maps-contest/>

# THE LITTLE THINGS MATTER

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<https://firstmap.delaware.gov/>